

THE STUDY OF STUDENTS' INTENTION FOR USING ONLINE EVALUATION OF INSTRUCTION—NTUST AS AN EXAMPLE

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ABSTRACT

The main purpose of this study was to investigate the factors affecting the students' intention for using online evaluation of instruction, through the Technology Acceptance Model (TAM). In order to develop a model to predict the intended use of the system, one additional factor, "Perception of risk" was added.

A sample of 1229 students from National Taiwan University of Science and Technology completed a questionnaire. The questionnaire tapped people's intention to use online evaluation of instruction system. Based on previous research and theories on technology acceptance, the questionnaire measured the perceived usefulness of the system, perceived ease of use, risk perception, the attitude towards the system, and intention of use. Regression analysis was used to further analyze the associations of proposed constructs.

The study results revealed that the majority of students agreed that using online evaluation of instruction system was useful and easy, and perceived a low risk on using the system. Overall, most of students' attitude and intention for using online evaluation of instruction were positive. There was no significant difference found under different personal background, except that students with different majors perceived usefulness of the systems differently.

The results of the study confirmed the original TAM findings. According to the results of the multiple regression analysis, "Perceived Usefulness", "Perceived ease of use", "Perception of the risk" and "attitude" all have significant influences on "Intention of use", and according to the results of the path analysis, "Perceived ease of use" has the highest total effect on "the intention of use".

Finally, according to the results of the study, implications and suggestions for the school administrators and future researches are provided.

Keywords: evaluation of instruction, online evaluation of instruction, technology acceptance model, perceived risk